

Massachusetts Kindergarten Immunization Survey Results by County 2013-2014

County	Number of Schools	Number of Children	5 DTaP	4 Polio	2 MMR	3 Hep B	Immunity to Chickenpox Disease	Series Complete	Medical Exemptions	Religious Exemptions	Total Exemptions
Barnstable	37	1,896	95%	96%	95%	97%	95%	92%	0.7%	2.6%	3.3%
Berkshire	41	1,210	93%	95%	95%	97%	93%	90%	0.7%	2.9%	3.6%
Bristol	106	6,300	95%	93%	97%	99%	97%	94%	0.4%	0.8%	1.2%
Dukes	7	183	83%	85%	84%	87%	84%	73%	0.5%	18.0%	18.6%
Essex	182	9,584	92%	95%	95%	98%	94%	90%	0.2%	0.9%	1.2%
Franklin	27	658	92%	92%	93%	94%	92%	88%	1.7%	3.8%	5.5%
Hampden	103	5,995	93%	95%	96%	97%	95%	90%	0.3%	0.9%	1.1%
Hampshire	36	1,374	92%	93%	94%	95%	93%	88%	0.4%	3.6%	3.9%
Middlesex	306	18,285	96%	97%	97%	98%	97%	93%	0.5%	1.0%	1.5%
Nantucket	3	163	87%	90%	90%	93%	89%	83%	1.8%	6.1%	8.0%
Norfolk	148	8,262	95%	96%	98%	98%	97%	94%	0.4%	1.0%	1.4%
Plymouth	84	6,323	95%	96%	96%	98%	95%	93%	0.5%	0.8%	1.3%
Suffolk	136	8,354	82%	86%	86%	92%	84%	80%	0.1%	0.3%	0.4%
Worcester	159	9,643	94%	95%	95%	98%	95%	92%	0.5%	1.1%	1.6%
State Total	1,375	78,230	93%	94%	95%	97%	95%	91%	0.4%	1.1%	1.5%

5 DTaP 5 doses of DTaP (diphtheria, tetanus and pertussis) vaccine

4 Polio 4 doses of polio vaccine

2 MMR 2 doses of MMR (measles, mumps and rubella) vaccine

3 Hep B 3 doses of hepatitis B vaccine

Immunity to Chickenpox 2 doses of varicella vaccine or a reliable history of chickenpox disease

Series 5 DTaP + 4 Polio + 2 MMR + 3 Hep B + 2 Varicella

- Data were collected in the fall, but immunization data are often updated throughout the year and rates (during the same school year) may be higher than reported due to additional children receiving immunizations or bringing records to school. Also, the student body is dynamic and as students arrive and leave the school, the immunization rates are impacted.

- Children are allowed a medical or religious exemption to one or more vaccines.

- Children without the required number of doses of vaccine do not necessarily have an exemption on file.

- Children without a record of vaccination, but with serologic proof of immunity to certain diseases (measles, mumps, rubella, hepatitis b and varicella), meet school entry requirements, but may not be counted as vaccinated.

- All data are self-reported by the schools and discrepancies may exist. For example, the percent of children with 5 doses of DTaP may be less than the percent of children meeting the series even though the series includes 5 doses of DTaP vaccine due to the spacing and age at which they received the doses. In addition some children may still meet school entry requirements even with fewer doses reported for these same reasons. The Immunization Program continues to work with schools to resolve discrepancies and update immunization data, when possible.